

ABSTRACT OF THE DISCLOSURE

[1144] Providing a resource domain structure allows flexible management of resources. With flexible management, computations, such as threads and processes, do not have to be related to be bound to the same resource domain. Since resource domains do not require the parent-child relationship, unrelated computations can bind each other to their resource domains. A data structure identifies a resource domain, the resource of the domain, and implementation of a resource management policy. The implementation of the resource management policy includes policy action, which when executed invoke policy imposing isolates. The resource domain data structure also indicates availability of usage of the resource.